

Application No. 10/827495
Page 2

Amendment
Attorney Docket No. S63.2N-6072-US03

Amendments To The Claims:

Claim 1. (Currently Amended) A stent comprised of a tube form body having a body wall structure of a geometric pattern of cells defined by wire extending throughout the tube form body portion and defining the cell pattern as a plurality of spaced sections of interconnected cells which in plan view are of polygonal configuration, the plurality of spaced sections including a first end spaced section, a middle spaced section and a second end spaced section, at least one of the plurality of spaced sections having two rows of cells circumferentially distributed about the tube, adjacent spaced sections being connected to each other by a straight connector section of the wire, the straight connector section extending from the first end spaced section to the second end spaced section, a second straight connector section of the wire, the first and second straight connector sections being circumferentially spaced apart by about 180°.

Claim 2. (Cancelled)

Claim 3. (Cancelled)

Claim 4. (Withdrawn-currently amended) The stent of claim 12 [[1]] wherein the at least one straight connector section comprises three connecting straight sections of the wire, the three being circumferentially spaced apart by about 120°.

Claim 5. (Original) The stent of claim 1 in which the wire is of a nitinol alloy.

Claim 6. (Original) The stent of claim 1 in which the polygonal configuration is hexagonal.

Claim 7. (Withdrawn-currently amended) The stent of claim 4 [[1]] wherein the straight sections are disposed at an angle relative to the longitudinal axis of the stent.

Claim 8. (Original) The stent of claim 1 including a covering sleeve.

Claim 9. (Currently amended) The stent of claim 1 [[3]] wherein the second straight connector section of the wire extends from the first end spaced section to the second end spaced section of the stent.

Claim 10. (Original) The stent of claim 9 including a plurality of continuous connecting wires.

Claim 11. (Original) The stent of claim 1 in which the cells are of a hexagonal configuration.

Claim 12. (Currently amended) A stent comprised of a tube form body having a body wall structure of a geometric pattern of cells defined by wire extending throughout the body portion and defining the cell pattern as a plurality of spaced sections of interconnected cells which in plan view are of polygonal configuration, the plurality of spaced sections including a first end spaced

Application No. 10/827495
Page 3

Amendment
Attorney Docket No. S63.2N-6072-US03

spaced section, a middle spaced section and a second end spaced section, at least one of the plurality of spaced sections having two rows of cells circumferentially distributed about the tube, adjacent spaced sections being connected to each other by a straight connector section of the wire, the straight connector section extending from the first end spaced section to the second end spaced section; in which the cells are of a hexagonal configuration; and

The stent of claim 11 in which at least some of the cells include two adjacent inverted sides which receive the straight connector section.

Claims 13-20. (Cancelled)

Claim 21. (Previously presented) The stent of claim 1, further comprising a second middle spaced section.

Claim 22. (Previously presented) The stent of claim 21, further comprising a third middle spaced section.

Claim 23. (Previously presented) The stent of claim 1, wherein the first end spaced section comprises two rows of cells circumferentially distributed about the tube.

Claim 24. (Previously presented) The stent of claim 23, wherein the second end spaced section comprises two rows of cells circumferentially distributed about the tube.